



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

M. L.
014900

646.4001

Job Sheet 203266



Part No: 646.4001

Job Qty: 1 pcs

Part Name: AS350 Cable Cutter System



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/14/19

Job Tracking No:

Due Date: 12/13/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV C1 IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM IPP REV:B 15.01.08 AS PER DWG REV.B
DD VERF:JLM IPP REV:C 16.01.07 AS PER DWG REV.C DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	1 pcs		12/13/19	0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4	DAS 74	MAR 10 2020
							Packaging 1 - 5	9-89	
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL : 1 613 632 - 5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S262205



Part: 646.4001

Job No: 203266

Serial No/Batch: S262205

Revision:

Inspector:

Exp Date: 08/07/2020

Instructions: FAA STC SR02180LA 14/08/07, 16 STC SH09 -

					Packaging 1 - 31	
					Packaging 1 - 32	
					Packaging 1 - 33	
					Packaging 1 - 34	
					Packaging 1 - 35	
					Packaging 1 - 36	
120 QC 4	1 pcs	12/13/19	0.00 0.00		QC 4 - 28	
					QC 4 - 58	68-6
					QC 4 - 69	69
					QC 4 - 9	SVC
					QC 4 - 46	
					QC 4 - 68	
					QC 4 - 72	
					QC 4 - 74	
					QC 4 - 75	
					QC 4 - 78	68-6
130 Packaging 3-1 - Stock - B4B	1 pcs	12/13/19	0.00 0.00		Packaging 3 - 1 - B4B	69
					Packaging 3 - 2 - B4B	SVC
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
135 DC - 1 - B4B	1 pcs	12/13/19	0.00 0.00		DC - 1 - B4B	
					DC - 2 - B4B	
140 QC 21 - FG	1 pcs	12/13/19	0.00 0.00		QC 21 - FG - 21	
					QC 21 - FG - 70	MAR 19 2020
					QC 21 - FG - 53	

Part Op 110 - pick kit
 Descriptions: 120 - QC4- 100% Inspect kits for completeness

- 130 - Identify and pack for shipping as per PPP 646.4001 Location: **Fylo3**
 135 - Document Control - Photocopy bluefile & type labels per PPP 646.4001
 140 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
600.0129	VHB Tape	8 ft (8 ea)	110-Packaging 1 - Pick Kit	5215203
600.0990	Magnabond 6398 Part A Size 112 ml	1 Ea (1 ea)	110-Packaging 1 - Pick Kit	5231359
600.0991	Magnabond 6398 Part B Size 112 ml	1 Ea (1 ea)	110-Packaging 1 - Pick Kit	5231362
600.1012	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5253461
600.1013	021200-3M Tape Primer 94 Primer 24216	5 Ea (5 ea)	110-Packaging 1 - Pick Kit	5221132
646.2910	Deflector	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5220095
646.3001	Lower Cable Cutter Assembly	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5243883
646.3110	Channel	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5233062
646.3210	Support	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5221454
646.3301	Upper Cutter Assembly	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5250764
646.3510	Strut	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5187754
646.3511	Strut	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5218695
646.3610	Filler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5230345
646.3710	Doubler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	524487
646.3711	Clip	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5218358
646.3712	Clip	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5219276
646.3713	Gusset	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5219291
646.3714	Gusset	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5197814
646.3715	Strut Doubler	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5218112
646.3716	Gauge Bracket	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5233890
646.3717	Doubler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5235110
646.3718	Custom Washer	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5219261
646.3719	Doubler	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5218495
646.3810	Bracket	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5233924
646.3811	Radius Block	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5196042
646.3812	Gusset Bracket	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5236995
646.3813	AS350 Strut Bracket	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5171341
646.3910	Shim	4 pcs (4 ea)	110-Packaging 1 - Pick Kit	5236294
646.3911	Shim	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5220038
646.3912	Shim	4 pcs (4 ea)	110-Packaging 1 - Pick Kit	5218106
646.3913	Shim	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5218110
646.9410	Shim	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5256998
647.0112	Strut Bracket	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5258631
647.7703	Strut Assembly	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5229733
650.9201	Eyelet Bracket Assembly	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5239706
AN3-11A	Bolt	10 Ea (10 ea)	110-Packaging 1 - Pick Kit	5249335
AN3-12A	Bolt	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5166926
AN3-13A	Bolt	1 Ea (1 ea)	110-Packaging 1 - Pick Kit	5228738
AN3-3A	Bolt	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5253401
AN3-4A	Bolt	10 Ea (10 ea)	110-Packaging 1 - Pick Kit	5253438
AN3-5A	Bolt	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5316385-1
AN3-6A	Bolt	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5194345
AN316C4R	Nut, Jam	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5227999
AN44-5A	Eyebolt	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5216370
AN4C7A	Bolt	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5222451
AN665-34R	Clevis	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5239635-1
CCR264SS3-02	Cherry Rivet	36 Ea (36 ea)	110-Packaging 1 - Pick Kit	5218602
CR3213-5-3	Cherry Rivet	14 Ea (14 ea)	110-Packaging 1 - Pick Kit	5235458
MS20426AD5-7	Rivet	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	FM133922-36
MS20470AD5-5-5	Rivet	8 Ea (8 ea)	110-Packaging 1 - Pick Kit	5155675
MS20470AD5-6	Rivet	8 Ea (8 ea)	110-Packaging 1 - Pick Kit	5048897
MS20470AD5-7	Rivet	3 Ea (3 ea)	110-Packaging 1 - Pick Kit	5203251
MS21042L08	Nut	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5250462
MS21042L3	Nut	63 Ea (63 ea)	110-Packaging 1 - Pick Kit	5248081
MS21042L4	Nut	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5225039
MS21047-3	Nut Plate	18 Ea (18 ea)	110-Packaging 1 - Pick Kit	5216288

MS24693-C278	Screw	5 Ea (5 ea)	110-Packaging 1 - Pick Kit	5235148
MS24694-S51	Screw	5 Ea (5 ea)	110-Packaging 1 - Pick Kit	5185069
MS24694-S54	Screw	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5228823
MS24694-S55	Screw	3 Ea (3 ea)	110-Packaging 1 - Pick Kit	5247921
MS27039-08-13	Screw	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5244871
MS27039-1-10	Screw	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5231296
MS27039-1-12	Screw	6 Ea (6 ea)	110-Packaging 1 - Pick Kit	5231298
MS27039-1-16	Screw	24 Ea (24 ea)	110-Packaging 1 - Pick Kit	5157063
MS27039-1-19	Screw	22 Ea (22 ea)	110-Packaging 1 - Pick Kit	5243417
MS27039-1-20	Screw	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5228014
MS27039-1-21	Screw	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5171793
NAS1149F0332P	Washer (AN960-10L)	144 Ea (144 ea)	110-Packaging 1 - Pick Kit	5217229
NAS1149F0363P	Washer (AN960-10)	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5255330
NAS1149F0432P	Washer (AN960-416L)	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5235429
NAS1149FN832P	Washer (AN960-8)	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5248080

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	600.0129	8	418	0
	600.0990	1	24	0
	600.0991	1	24	0
	600.1012	1	34	0
	600.1013	5	115	0
	646.2910	1	18	0
	646.3001	1	5	0
	646.3110	1	12	0
	646.3210	1	27	0
	646.3301	1	6	0
	646.3510	1	34	0
	646.3511	1	35	0
	646.3610	1	29	0
	646.3710	1	23	0
	646.3711	1	32	0
	646.3712	1	37	0
	646.3713	1	35	0
	646.3714	1	36	0
	646.3715	2	40	0
	646.3716	1	26	0
	646.3717	1	22	0
	646.3718	2	61	0
	646.3719	2	44	0
	646.3810	2	33	0
	646.3811	1	44	0
	646.3812	2	36	0
	646.3813	1	22	0
	646.3910	4	45	0
	646.3911	1	52	0
	646.3912	4	77	0
	646.3913	1	29	0
	646.9410	1	46	0
	647.0112	2	82	0
	647.7703	2	26	0
	650.9201	2	31	0
	AN3-11A	10	369	0
	AN3-12A	2	122	0
	AN3-13A	1	77	0
	AN3-3A	4	487	0
	AN3-4A	10	431	0
	AN3-5A	2	252	0
	AN3-6A	2	223	0
	AN316C4R	2	71	0
	AN44-5A	2	49	0
	AN4C7A	2	159	0
	AN665-34R	2	33	0
	CCR264SS3-02	36	1,108	0
	CR3213-5-3	14	390	0
	MS20426AD5-7	2	595	0
	MS20470AD5-5-5	8	745	0
	MS20470AD5-6	8	582	0

MS20470AD5-7	3	1,014	0
MS21042L08	2	939	0
MS21042L3	63	2,396	0
MS21042L4	2	5,479	0
MS21047-3	18	404	0
MS24693-C278	5	76	0
MS24694-S51	5	228	0
MS24694-S54	2	380	0
MS24694-S55	3	186	0
MS27039-08-13	2	286	0
MS27039-1-10	2	402	0
MS27039-1-12	6	357	0
MS27039-1-16	24	492	0
MS27039-1-19	22	369	0
MS27039-1-20	2	144	0
MS27039-1-21	4	99	0
NAS1149F0332P	144	4,820	0
NAS1149F0363P	2	285	0
NAS1149F0432P	4	948	0
NAS1149FN832P	4	2,082	0

Part Specifications

Specifications could not be found.

Plex 11/14/19 7:48 AM Dart.lajeunesse.marie

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



APICAL INDUSTRIES, INC.
dba DART AEROSPACE

ENGINEERING CHANGE NOTICE NO.

05304

SHEET 1 OF 1

DWG NO. 646.4000

REV: C

PREPARED BY J. BECKER

DATE: 02/04/16

EFFECT ON DWG
☐ INC. ☒ UNINC.

DWG TITLE: AS350 CABLE CUTTERS KIT

APPROVED BY:

ENGR

MFG

QC

EFF. NEXT ORDER

TRANSACTION CODES (TC):
A-ADD
R-REVISE
C-CREATE
D-DELETE

REASON: REVISED F/N 12.

ECR:
N/A

ACTION ITEM:
1. N/A

SHEET 1, BOM IS:

12	R	601.1624	8	16	LOCKNUT	MS21042L3	
F/N	TC	PART NUMBER	4006	4005	DESCRIPTION	MATERIAL	SPECIFICATION
			QTY				
DOCUMENTS EFFECTED:					CHANGE CATEGORY	DER REVIEW REQUIRED	
☐ PATTERN ☐ MDL ☐ INSTALL INSTRUCTIONS ☐ ICA ☐ FMS ☒ BOM					☐ MAJOR ☒ MINOR	☐ YES ☒ NO	

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1. AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES.

2. INSTALL F/N 14 WITH F/N 52 & 53.

3. 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMASTER-CARR P/N 75836A651.

4. 3M TAPE PRIMER 94. APPLY TO BOTH SURFACES A/R BEFORE TAPE.
VENDOR: R.S. HUGHES P/N 021200-24216.

5. REDUCE FASTENERS FROM F/N 1.

6. USE WASHERS A/R AS SHIMS TO OBTAIN BEST FITMENT.

7. AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ON TO F/N 1.

8. INSTALL SHIM # 06H PROVISIONS ARE INSTALLED ON AIRCRAFT. REMOVE SHIM LA YERS TO ACHIEVE CORRECT SIZE. MATCH DRILL HOLES. USE F/N 78 SCREW IN PLACE OF F/N 17 SCREW.

9. NEWER INSTALLATIONS ON AIRCRAFT WITH UPDATED CANOPY MAY REQUIRE DIFFERENT LENGTH SCREWS. USE F/N 62 TO REPLACE F/N 44 & F/N 26 IN PLACE OF F/N 41 WHEN NECESSARY.

UNINCORPORATED ECN(S)

05304

REV	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 22781, 22782, 22783 & 22784	11/04/2014	J. MANTO
B	INCORPORATED ECN 22781, 22782, 22783 & 22784	11/04/2014	J. MANTO
C	INCORPORATED ECN 22781, 22782, 22783 & 22784	11/04/2014	J. MANTO

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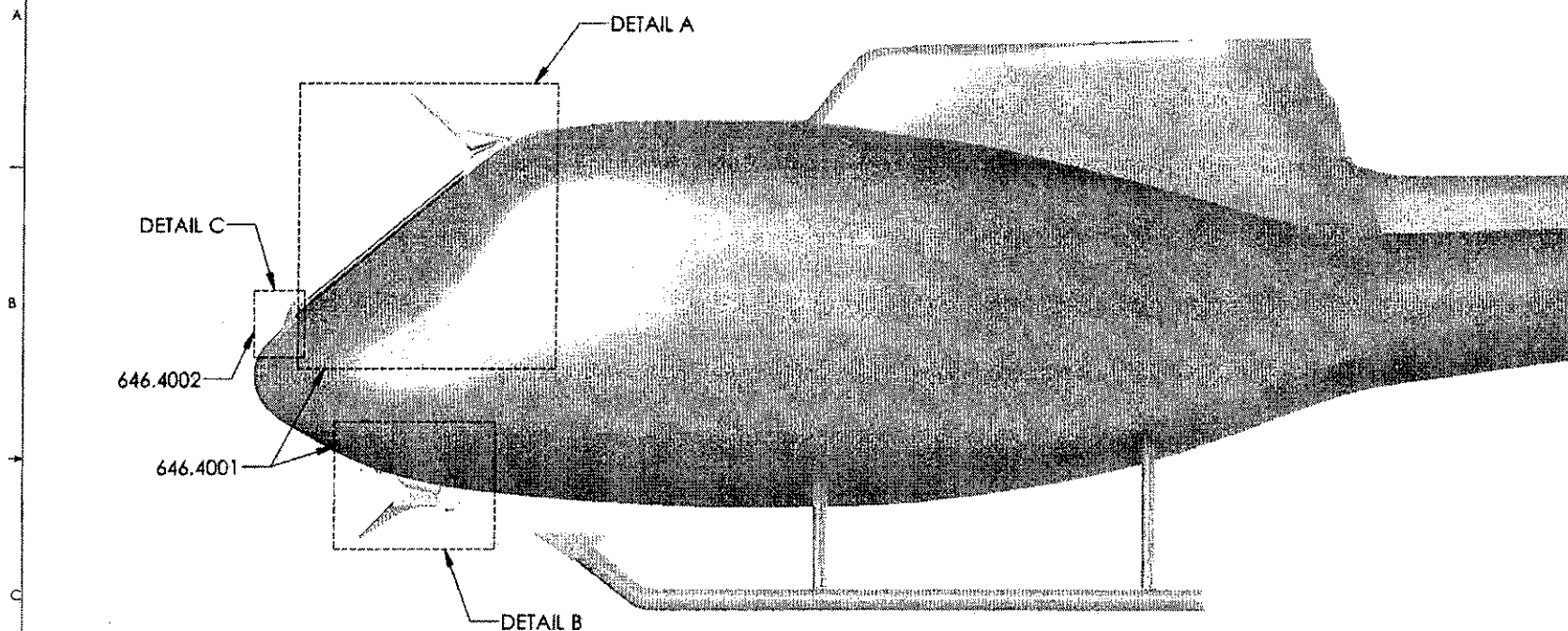
REV	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 22781, 22782, 22783 & 22784	11/04/2014	J. MANTO
B	INCORPORATED ECN 22781, 22782, 22783 & 22784	11/04/2014	J. MANTO
C	INCORPORATED ECN 22781, 22782, 22783 & 22784	11/04/2014	J. MANTO

AS350 CABLE CUTTERS KIT
 3090 ENTERPRISE CT.
 SUITE 3081
 WEST VALLEY CITY, UT 84113
 (801) 224-5500
 AERIAL INDUSTRIES, INC.

REV: 010416
 SCALE: NONE
 SHEET: 1 OF 3

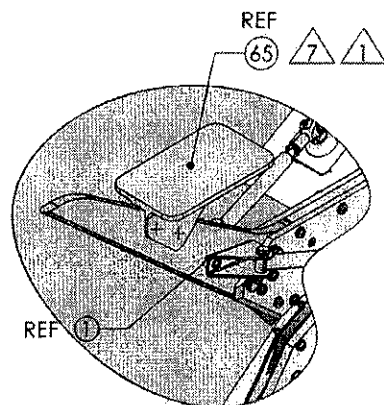
1 2 3 4 5 6 7 8

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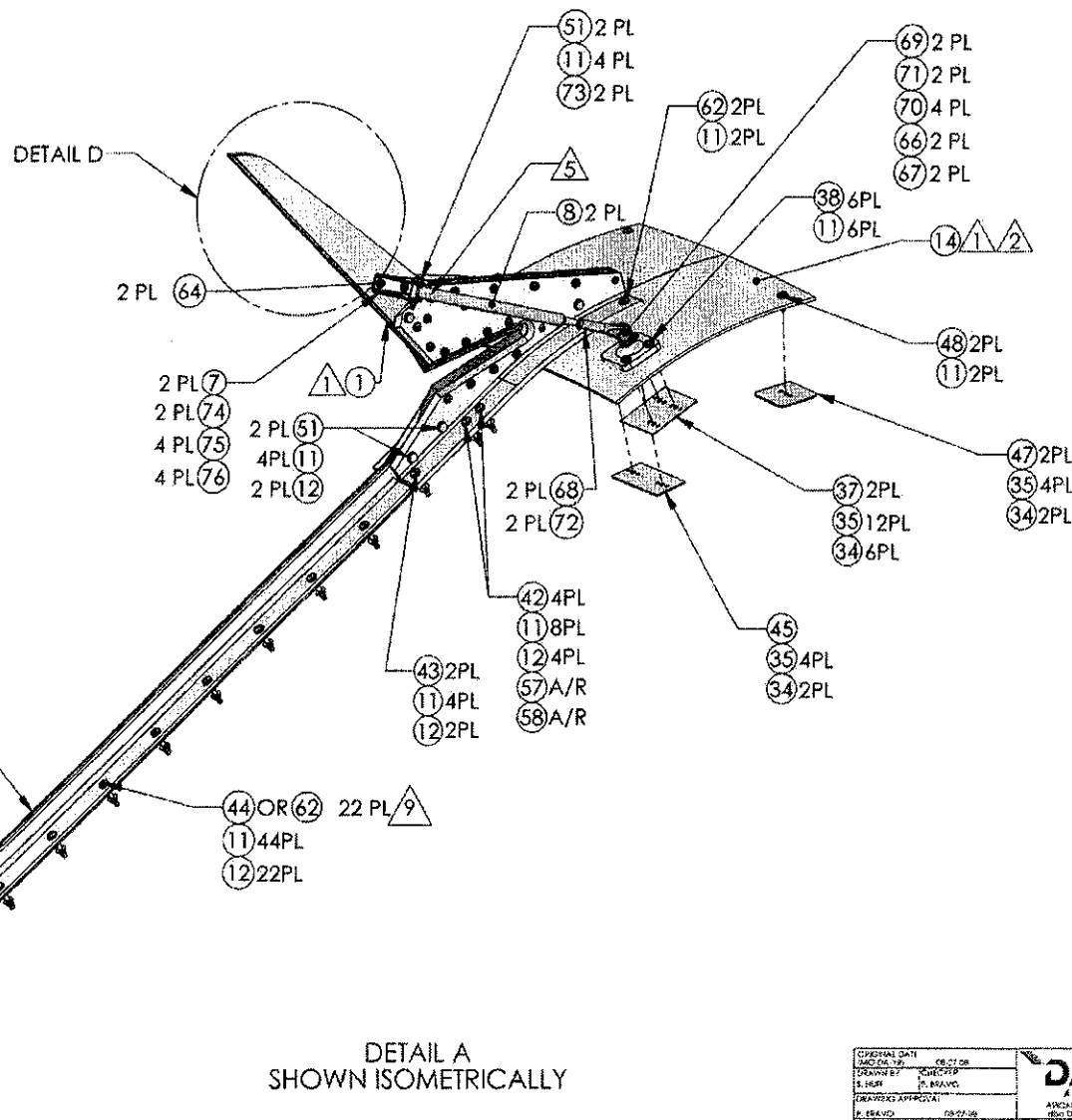


ORIGINAL DATE		3030 ENTERPRISE CT.	
DATE/DATE		SUITE A	
DRAWN BY		AIAI AEROSPACE VISTA, CA 92081	
BY		(760) 724-0300	
DRAWING APPROVAL		AIAI AEROSPACE	
BY		AIAI AEROSPACE	
DATE		AS350 CABLE CUTTERS KIT	
CONTRACT NO.		RPT CASE CODE DATE NO.	
CHECK CHANGES PROVIDED		B 07M26 646.4000 C	
DIMENSIONS ARE IN INCHES		SCALE NONE	
TOLERANCES ARE		SHEET 2 OF 5	
3 PLACE DECIMALS 2.5/10			
ANGLES & 3/16"			

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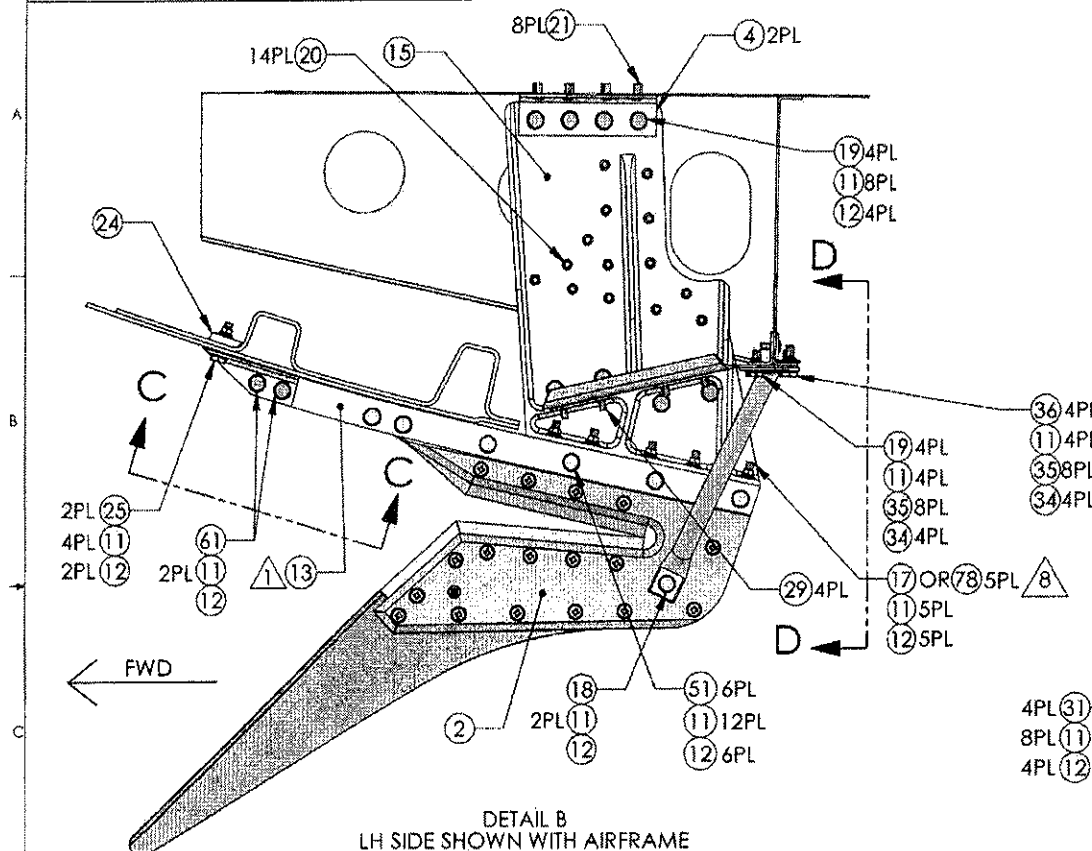
DETAIL D TYPICAL GPS MOUNT KIT INSTALLATION



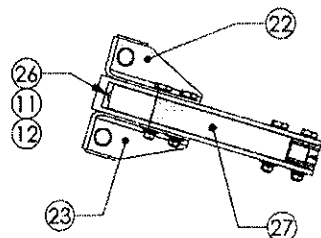
DETAIL A
SHOWN ISOMETRICALLY

OPERATOR DATE	06/27/96	 3630 ENTERPRISE CT SUITE A VISTA, CA 92081 (760) 774-5300
DATE IN V.P.	06/27/96	
TRAINING BY	CHIEF OF P. TRAINING	
14 HOURS		
APPROVAL APPROVAL		
P. ISSUED	06/27/96	
CUSTOMER NO.		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES 1. 1/2" (1.5") 2. 3/4" (2.0") 3. 1" (2.5") 4. 1 1/2" (3.8") 5. 2" (5.1") 6. 2 1/2" (6.4") 7. 3" (7.6") 8. 3 1/2" (8.9") 9. 4" (10.2") 10. 4 1/2" (11.4") 11. 5" (12.7") 12. 5 1/2" (14.0") 13. 6" (15.2") 14. 6 1/2" (16.5") 15. 7" (17.8") 16. 7 1/2" (19.0") 17. 8" (20.3") 18. 8 1/2" (21.6") 19. 9" (22.9") 20. 9 1/2" (24.1") 21. 10" (25.4") 22. 10 1/2" (26.7") 23. 11" (27.9") 24. 11 1/2" (29.2") 25. 12" (30.5") 26. 12 1/2" (31.8") 27. 13" (33.0") 28. 13 1/2" (34.3") 29. 14" (35.5") 30. 14 1/2" (36.8") 31. 15" (38.1") 32. 15 1/2" (39.4") 33. 16" (40.6") 34. 16 1/2" (41.9") 35. 17" (43.2") 36. 17 1/2" (44.5") 37. 18" (45.7") 38. 18 1/2" (47.0") 39. 19" (48.3") 40. 19 1/2" (49.5") 41. 20" (50.8") 42. 20 1/2" (52.1") 43. 21" (53.3") 44. 21 1/2" (54.6") 45. 22" (55.9") 46. 22 1/2" (57.1") 47. 23" (58.4") 48. 23 1/2" (59.7") 49. 24" (60.9") 50. 24 1/2" (62.2") 51. 25" (63.5") 52. 25 1/2" (64.8") 53. 26" (66.0") 54. 26 1/2" (67.3") 55. 27" (68.6") 56. 27 1/2" (69.9") 57. 28" (71.1") 58. 28 1/2" (72.4") 59. 29" (73.7") 60. 29 1/2" (75.0") 61. 30" (76.2") 62. 30 1/2" (77.5") 63. 31" (78.7") 64. 31 1/2" (80.0") 65. 32" (81.3") 66. 32 1/2" (82.6") 67. 33" (83.8") 68. 33 1/2" (85.1") 69. 34" (86.4") 70. 34 1/2" (87.6") 71. 35" (88.9") 72. 35 1/2" (90.2") 73. 36" (91.4") 74. 36 1/2" (92.7") 75. 37" (93.9") 76. 37 1/2" (95.2") 77. 38" (96.5") 78. 38 1/2" (97.8") 79. 39" (99.1") 80. 39 1/2" (100.4") 81. 40" (101.6") 82. 40 1/2" (102.9") 83. 41" (104.1") 84. 41 1/2" (105.4") 85. 42" (106.7") 86. 42 1/2" (108.0") 87. 43" (109.2") 88. 43 1/2" (110.5") 89. 44" (111.8") 90. 44 1/2" (113.1") 91. 45" (114.3") 92. 45 1/2" (115.6") 93. 46" (116.8") 94. 46 1/2" (118.1") 95. 47" (119.4") 96. 47 1/2" (120.7") 97. 48" (121.9") 98. 48 1/2" (123.2") 99. 49" (124.5") 100. 49 1/2" (125.8") 101. 50" (127.0") 102. 50 1/2" (128.3") 103. 51" (129.5") 104. 51 1/2" (130.8") 105. 52" (132.1") 106. 52 1/2" (133.4") 107. 53" (134.6") 108. 53 1/2" (135.9") 109. 54" (137.2") 110. 54 1/2" (138.5") 111. 55" (139.7") 112. 55 1/2" (141.0") 113. 56" (142.2") 114. 56 1/2" (143.5") 115. 57" (144.8") 116. 57 1/2" (146.1") 117. 58" (147.3") 118. 58 1/2" (148.6") 119. 59" (149.9") 120. 59 1/2" (151.2") 121. 60" (152.4") 122. 60 1/2" (153.7") 123. 61" (154.9") 124. 61 1/2" (156.2") 125. 62" (157.5") 126. 62 1/2" (158.8") 127. 63" (160.0") 128. 63 1/2" (161.3") 129. 64" (162.6") 130. 64 1/2" (163.9") 131. 65" (165.1") 132. 65 1/2" (166.4") 133. 66" (167.6") 134. 66 1/2" (168.9") 135. 67" (170.2") 136. 67 1/2" (171.5") 137. 68" (172.7") 138. 68 1/2" (174.0") 139. 69" (175.3") 140. 69 1/2" (176.6") 141. 70" (177.8") 142. 70 1/2" (179.1") 143. 71" (180.3") 144. 71 1/2" (181.6") 145. 72" (182.9") 146. 72 1/2" (184.2") 147. 73" (185.4") 148. 73 1/2" (186.7") 149. 74" (187.9") 150. 74 1/2" (189.2") 151. 75" (190.5") 152. 75 1/2" (191.8") 153. 76" (193.0") 154. 76 1/2" (194.3") 155. 77" (195.6") 156. 77 1/2" (196.9") 157. 78" (198.1") 158. 78 1/2" (199.4") 159. 79" (200.7") 160. 79 1/2" (202.0") 161. 80" (203.2") 162. 80 1/2" (204.5") 163. 81" (205.7") 164. 81 1/2" (207.0") 165. 82" (208.3") 166. 82 1/2" (209.6") 167. 83" (210.8") 168. 83 1/2" (212.1") 169. 84" (213.4") 170. 84 1/2" (214.7") 171. 85" (215.9") 172. 85 1/2" (217.2") 173. 86" (218.5") 174. 86		

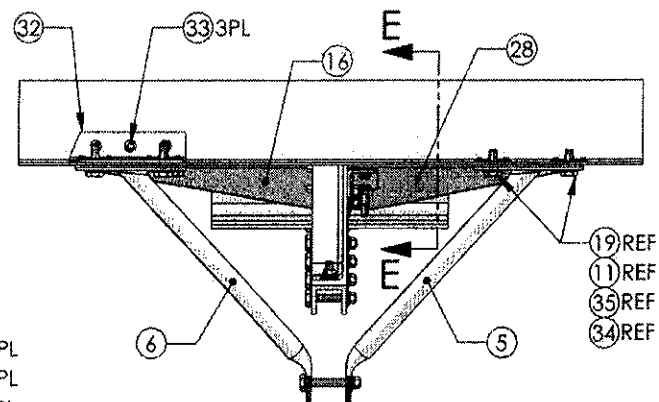
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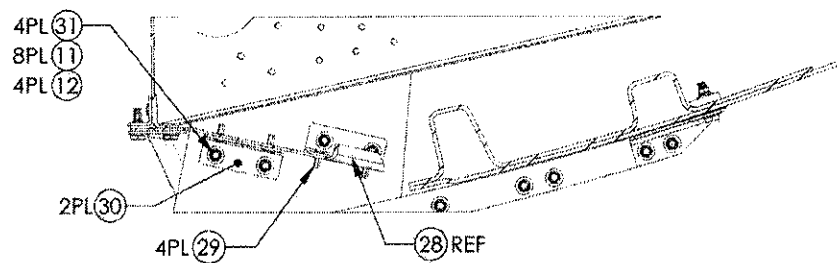
DETAIL B
 LH SIDE SHOWN WITH AIRFRAME



SECTION C-C



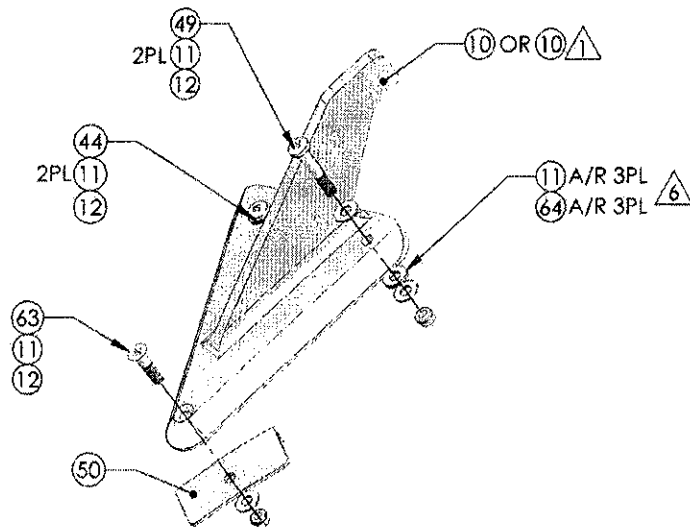
SECTION D-D
 CUTTER HIDDEN FOR CLARITY



SECTION E-E

ORIGINAL DATE 05/27/08		DART 3030 ENTERPRISE CT., SUITE A	
DRAWN BY S.181		VISTA, CA 92081	
DRAWING APPROVAL P.181		(760) 774-5300	
CONTRACT NO.		AS350 CABLE CUTTERS KIT	
REV	DATE	QTY	REV
B	07/26/08	646.4000	C
SCALE: NONE		SHEET 4 OF 5	

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DETAIL C
 LH SHOWN EXPLODED
 RH OPPOSITE

ORIGINAL DATE 08/24/99	3030 ENTERPRISE CT. SUITE A VISTA, CA 92081 (760)-724-5300						
DRAWN BY S. H. JF	CHICKER P. BRAVO						
DRAWING APPROVAL P. BRAVO 08/27/99	APICAL INDUSTRIES, INC. DART AEROSPACE						
CONTRACT NO.	AS350 CABLE CUTTERS KIT						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS .0010 3 PLACE DECIMALS .0005 ANGLES .5°	<table border="1"> <tr> <td>SIZE (X) (Y) (Z)</td> <td>QTY</td> <td>REV.</td> </tr> <tr> <td>8 07M16</td> <td>646.4000</td> <td>C</td> </tr> </table>	SIZE (X) (Y) (Z)	QTY	REV.	8 07M16	646.4000	C
SIZE (X) (Y) (Z)	QTY	REV.					
8 07M16	646.4000	C					
SCALE NONE	SHEET 5 OF 5						